

LAKES AND RESERVOIRS IN SOUTH ATLANTIC SLOPE BASIN

02067800; 02067820 TALBOTT AND TOWNES RESERVOIRS

These two reservoirs on the Dan River are operated as a unit for storage of water for Pinnacles hydroelectric plant.

TALBOTT DAM

LOCATION.--Lat 36°40'36", long 80°23'51", Patrick County, Va, Hydrologic Unit 03010103, 4.5 mi northeast of Kibler.

DRAINAGE AREA.--20.2 mi².

TOWNES DAM

LOCATION.--Lat 36°41'11", long 80°25'49", Patrick County, Va, Hydrologic Unit 03010103, 4 mi north of Kibler.

DRAINAGE AREA.--32.9 mi².

PERIOD OF RECORD.--February 1939 to December 1945 and January 1948 to September 1960 (combined monthend contents only published in WSP 1723), October 1960 to current year.

REMARKS.--Total capacity of Talbott Reservoir is 350,000,000 ft³ and Townes Reservoir is 60,000,000 ft³. Filling was started in Talbott Reservoir Feb. 13, 1939, and in Townes Reservoir several months earlier. Records furnished by city of Danville, Virginia. (See station 02068500.)

02077280 HYCO LAKE

LOCATION.--Lat 36°30'42", long 79°02'50", Person County, Hydrologic Unit 03010104, at outlet control structure 0.4 mi northwest of dam on Hyco River, 1.1 mi southwest of McGehees Mill, and 8 mi northwest of Roxboro.

DRAINAGE AREA.--189 mi².

PERIOD OF RECORD.--October 1964 to current year. Prior to October 1970, published as "Roxboro Steam-Electric Generating Plant Lake."

GAGE.--Water-stage recorder and tape gage. Prior to Feb. 11, 1965, staff gage at upstream end of outlet control structure. Datum of gage is 399.79 ft above sea level (levels by Carolina Power and Light Co.).

REMARKS.--Lake, used for cooling water at the Roxboro Steam-Electric Generating Plant of Carolina Power and Light Co., first began to fill Sept. 19, 1964, and first reached spillway elevation (9.97 ft gage height) Mar. 19, 1965. Total capacity at top of spillway is 3,288,000,000 ft³. Lake cannot be drawn below -0.03 ft (bottom of gated flume).

02079964 LAKE GASTON

LOCATION.--Lat 36°30'04", long 77°48'43", Halifax County, Hydrologic Unit 03010106, at Gaston Dam on Roanoke River, 0.2 mi upstream from Black Gut Creek, and 2.7 mi northwest of Thelma.

DRAINAGE AREA.--8,310 mi².

PERIOD OF RECORD.--October 1962 to current year.

GAGE.--Water-stage recorder and staff gage. Datum of gage is sea level.

REMARKS.--Lake, used mainly for hydroelectric power development, was first filled Oct.13-15, 1962, and has a total capacity of 22,434,000,000 ft³. Usable capacity at top of spillway gates, 20,127,000,000 ft³, is between elevations 165 and 203 ft. Capacity reserved for flood control, 2,788,000 ft³, is between elevations 200 and 203 ft. Storage for power generation, 10,673,000,000 ft³, is between elevations 185 and 200 ft.

COOPERATION.--Records furnished by Virginia Electric and Power Co. (See station 02080500.)

02080100 ROANOKE RAPIDS LAKE

LOCATION.--Lat 36°28'44", long 77°40'23", Halifax County, Hydrologic Unit 03010107, at Roanoke Rapids Dam on Roanoke River, 1.5 mi upstream from bridge on State Highway 48, and 2.2 mi north of Roanoke Rapids.

DRAINAGE AREA.--8,371 mi².

PERIOD OF RECORD.--JunPIDS LAKE

LOCATION.--Lat 36 29e 1955 to September 1960 (monthend contents only published in WSP 1723), October 1960 to current year

GAGE.--Water-stage recorder and staff gage. Datum of gage is sea level.

REMARKS.--Lake, used for hydroelectric power development, was put in operation June 25, 1955, and has a total capacity of 3,360,220,000 ft³ at elevation 132.0 ft (normal high water). Usable capacity is 3,515,290,000 ft³ at 132.75 ft (top of gates).

COOPERATION.--Records furnished by Virginia Electric and Power Co. (See station 02080500.)

02087182 FALLS LAKE

LOCATION.--Lat 35°56'24", long 78°34'51", Wake County, Hydrologic Unit 03020201, above Falls Dam on Neuse River at Falls, 10 mi north of Raleigh, and 235 mi upstream from mouth.

DRAINAGE AREA.--771 mi².

PERIOD OF RECORD.--February 1979 to current year.

GAGE.--Datum of gage is sea level.

REMARKS.--Lake is used for flood control, water supply, low-flow augmentation, and recreation. Temporary filling began May 1981 for water supply for city of Raleigh during drought conditions. Jan. 13, 1983, gates closed and normal pool elevation of 250.1 ft was reached Dec. 7, 1983. (See station 02087183.) Total capacity of reservoir is 4,998,074,400 ft³ at elevation of 250.1 ft.

COOPERATION.--Records furnished by Corps of Engineers. (See station 02087183.)

LAKES AND RESERVOIRS IN SOUTH ATLANTIC SLOPE BASIN--Continued

02098197 B. EVERETT JORDAN LAKE

LOCATION.--Lat 35°39'16", long 79°04'06", Chatham County, Hydrologic Unit 03030002, at B. Everett Jordan Dam on Haw River, 0.3 mi downstream of mouth of New Hope River, 2.5 mi north of Moncure, 4.2 mi upstream from mouth of Haw River, and 202.2 mi upstream from mouth of Cape Fear River.

DRAINAGE AREA.--1,689 mi².

PERIOD OF RECORD.--December 1972 to current year.

GAGE.--Water-stage recorder and staff gage at dam. Datum of gage is sea level.

REMARKS.--Lake is used for flood control, water supply, low-flow augmentation, and recreation. Some storage was affected during construction and then operated temporarily as a "dry reservoir" January 1975 to August 1981. Reservoir began filling September 1981 and reached normal pool elevation, 216 ft, Feb. 4, 1982. Total capacity is 32,825,074,000 ft³ at 240.0 ft, of which 23,454,011,000 ft³ is controlled flood storage. (See station 02098198.)

02111391 W. KERR SCOTT RESERVOIR

LOCATION.--Lat 36°08'01", long 81°13'36", Wilkes County, Hydrologic Unit 03040101, at W. Kerr Scott Dam on Yadkin River, 0.1 mi upstream from Fish Trap Creek, 2.0 mi upstream from Millers Creek, and 4.0 mi west of Wilkesboro.

DRAINAGE AREA.--350 mi², approximately.

PERIOD OF RECORD.--August 1962 to current year.

GAGE.--Water-stage recorder and staff gage at dam. Datum of gage is sea level.

REMARKS.--Lake is used for flood control, low-flow augmentation, recreation, and water supply. Some storage was affected during construction in July 1962, but gates were closed Aug. 22, 1962. Reservoir reached normal pool elevation on Jan. 19, 1963. Total capacity at elevation 1075.0 ft is 6,664,680,000 ft³ of which 4,878,720,000 ft³ is controlled flood storage.

COOPERATION.--Records furnished by Corps of Engineers. (See station 02129000.)

02122400 HIGH ROCK LAKE

LOCATION.--Lat 35°36'02", long 80°14'05", Davidson County, Hydrologic Unit 03040103, at High Rock Dam on Yadkin River, 2 mi upstream from Lick Creek, 0.8 mi northwest of High Rock, and 256 mi upstream from mouth of Pee Dee River in Winyah Bay.

DRAINAGE AREA.--3,970 mi², approximately.

PERIOD OF RECORD.--November 1927 to September 1960 (monthend contents only, published in WSP 1723), October 1960 to current year.

GAGE.--Water-stage recorder and staff gage at dam. Datum of gage is 30.9 ft below sea level.

REMARKS.--Lake, used for hydroelectric power development, was first put in operation Nov. 7, 1927. Total capacity is 11,090,000,000 ft³. Usable capacity, 10,230,000,000 ft³, is between 625 and 655 ft gage datum (top of gates).

COOPERATION.--Records furnished by Yadkin, Inc. (See station 02129000.)

02122699 TUCKERTOWN RESERVOIR

LOCATION.--Lat 35°29'09", long 80°10'32", Stanly County, Hydrologic Unit 03040103, at Tuckertown Dam on Yadkin River, 2.5 mi upstream from Garr Creek, 3.8 mi northeast of New London, and 250 mi upstream from mouth of Pee Dee River in Winyah Bay.

DRAINAGE AREA.--4,100 mi², approximately.

PERIOD OF RECORD.--April 1962 to current year.

GAGE.--Remote water-stage recorder in powerhouse. Datum of gage is 30.9 ft below sea level.

REMARKS.--Lake, used for hydroelectric power development, was first filled Apr. 6, 1962. Total capacity is 1,852,400,000 ft³. Usable capacity, 293,800,000 ft³, is between 593 and 596 ft gage datum.

COOPERATION.--Records furnished by Yadkin, Inc. (See station 02129000.)

02122844 BADIN LAKE

LOCATION.--Lat 35°25'10", long 80°05'34", Stanly County, Hydrologic Unit 03040103, at Badin Dam on Yadkin River, 2.5 mi upstream from Falls Dam, 1.5 mi northeast of Badin, and 242 mi upstream from mouth of Pee Dee River in Winyah Bay.

DRAINAGE AREA.--4,150 mi², approximately.

PERIOD OF RECORD.--December 1917 to September 1960 (monthend contents only, published in WSP 1723), October 1960 to current year.

GAGE.--Water-stage recorder and staff gage at dam. Datum of gage is 30.9 ft below sea level.

REMARKS.--Lake, generally known as Narrows Reservoir, used for hydroelectric power development, was first put in operation July 12, 1917. Total capacity is 10,497,960,000 ft³. Usable capacity, 5,616,584,000 ft³, is between 510.00 and 541.10 ft.

COOPERATION.--Records furnished by Yadkin, Inc. (See station 02129000.)

02123736 LAKE TILLERY

LOCATION.--Lat 35°12'24", long 80°03'57", Stanly County, Hydrologic Unit 03040104, at Norwood Dam on Pee Dee River, 700 ft upstream from Norfolk Southern Railroad bridge, 5 mi upstream from Rocky River, 3.5 mi southeast of Norwood, and 224 mi upstream from mouth in Winyah Bay.

DRAINAGE AREA.--4,640 mi², approximately.

PERIOD OF RECORD.--February 1928 to September 1960 (monthend contents only, published in WSP 1723), October 1960 to current year.
GAGE.--Water-stage recorder and float-tape gage at dam. Datum of gage is 38.67 ft above sea level (levels by Carolina Power and Light Co.).
REMARKS.--Lake, used for hydroelectric power development, was first put in operation during January 1928. Total capacity is 7,274,520,000 ft³. Usable capacity, 5,927,040,000 ft³, is between elevations 200.5 and 239.5 ft gage datum (top of gates).
COOPERATION.--Records furnished by Carolina Power and Light Co. (See station 02129000.)

02128800 BLEWETT FALLS LAKE

LOCATION.--Lat 34°58'58", long 79°52'40", Richmond County, Hydrologic Unit 03040104, at Blewett Falls Dam on Pee Dee River, 1.2 mi upstream from Cartledge Creek, 6.5 mi northwest of Rockingham, and 195 mi upstream from mouth in Winyah Bay.
DRAINAGE AREA.--6,820 mi², approximately.
PERIOD OF RECORD.--December 1929 to September 1960 (monthend contents only, published in WSP 1723), October 1960 to current year.
GAGE.--Self-synchronous motor, dial indicator, and staff gage at dam. Datum of gage is 39.08 ft above sea level (levels by Carolina Power and Light Co.).
REMARKS.--Lake, used for hydroelectric power development, was first put in use during 1911. Total capacity is 4,225,320,000 ft³. Usable capacity, 1,850,000,000 ft³, is between 120.0 and 139.0 ft gage datum (top of flashboards).
COOPERATION.--Records furnished by Carolina Power and Light Co. (See station 02129000.)

02138519 LAKE JAMES

LOCATION.--Lat 35°44'36", long 81°50'22", Burke County, Hydrologic Unit 03050101, at Linville Dam at intake tower on Catawba River, 2.1 mi northeast of Bridgewater, and 279 mi upstream from mouth of Wateree River.
DRAINAGE AREA.--383 mi², approximately.
PERIOD OF RECORD.--March 1920 to September 1960 (monthend contents only, published in WSP 1723), October 1960 to current year.
GAGE.--Float gage with self-synchronous motor to indicator in powerhouse. Staff gage at Catawba River Dam is also read when lake elevation drops below 1,160 ft, 60 ft gage datum, and lake becomes two separate reservoirs. Datum of gage is 1,100.00 ft above sea level (levels by Duke Power Co.).
REMARKS.--Lake, generally known as Bridgewater Reservoir, used for hydroelectric power development, was first put in operation May 5, 1919. The total capacity is 12,581,800,000 ft³ at 100.0 ft gage datum (crest of spillway). Usable capacity, 7,943,700,000 ft³, is between 65.0 and 100.0 ft gage datum.
COOPERATION.--Records furnished by Duke Power Co.

02141490 RHODHISS LAKE

LOCATION.--Lat 35°46'23", long 81°26'29", Caldwell County, Hydrologic Unit 03050101, at Rhodhiss Dam on Catawba River, 0.8 mi west of Rhodhiss, 1.8 mi south of Granite Falls, and 243 mi upstream from mouth of Wateree River.
DRAINAGE AREA.--1,090 mi², approximately.
PERIOD OF RECORD.--September 1935 to September 1960 (monthend contents only, published in WSP 1723), October 1960 to current year.
GAGE.--Float gage, indicator, and reference point at dam. Datum of gage is 895.1 ft above sea level (levels by Duke Power Co.).
REMARKS.--Lake, used for hydroelectric power development, was first put in operation Feb. 18, 1925. Total capacity is 3,188,592,000 ft³. Usable capacity, 1,717,000,000 ft³, is between elevations 85.0 and 100.0 ft gage datum (crest of spillway).
COOPERATION.--Records furnished by Duke Power Co.

02141961 LAKE HICKORY

LOCATION.--Lat 35°49'20", long 81°11'36", Alexander County, Hydrologic Unit 03050101, at Oxford Dam on Catawba River, 2 mi upstream from Lower Little River, 7 mi south of Taylorsville, and 226 mi upstream from mouth of Wateree River.
DRAINAGE AREA.--1,310 mi², approximately.
PERIOD OF RECORD.--September 1935 to September 1960 (monthend contents only, published in WSP 1723), October 1960 to current year.
GAGE.--Float gage and indicator at dam. Datum of gage is 835.0 ft above sea level (levels by Duke Power Co.).
REMARKS.--Lake, generally known as Oxford Reservoir, used for hydroelectric power development, was first put in operation Apr. 5, 1928. Total capacity is 5,552,985,000 ft³. The usable capacity from Sept. 1, 1935, to Sept. 30, 1957, was considered to be 2,277,970,200 ft³ between 85.0 and 100.0 ft gage datum (top of flood gates). Usable capacity from Apr. 30, 1928, to Aug. 31, 1935, Oct. 1, 1957, to Sept. 30, 1964, was considered to be 3,378,400,000 ft³ between 75.0 and 100.0 ft gage datum (top of flood gates); and from Oct. 1, 1964, to present, is considered to be 2,277,800,000 ft³ between 85.0 and 100.0 ft gage datum (top of flood gates).
COOPERATION.--Records furnished by Duke Power Co.

02142441 LOOKOUT SHOALS LAKE

LOCATION.--Lat 35°45'26", long 81°05'26", Catawba County, Hydrologic Unit 03050101, at Lookout Shoals Dam on Catawba River, 4 mi upstream from bridge on U.S. Highways 64 and 70, 4.2 mi north of Catawba, and 216 mi upstream from mouth of Wateree River.
DRAINAGE AREA.--1,450 mi², approximately.
PERIOD OF RECORD.--December 1915 to September 1960 (monthend contents only, published in WSP 1723), October 1960 to current year.

GAGE.--Float gage, indicator, and staff gage at dam. Datum of gage is 738.1 ft above sea level (levels by Duke Power Co.).

REMARKS.--Lake, used for hydroelectric power development, was first put in operation Dec. 2, 1915. Total capacity was originally 1,355,190,000 ft³. Capacity has been reduced by silting. The usable capacity prior to October 1957 was considered to be 473,980,000 ft³ and from October 1957 to Sept. 30, 1964, was considered to be 388,300,000 ft³ between elevations 90.0 and 100.0 ft gage datum (crest of spillway). Usable capacity from Oct. 1, 1964, to present is considered to be 208,200,000 ft³ between 95.0 and 100.0 ft gage datum (crest of spillway). Flood of July 16, 1916, washed out an earth dike.

COOPERATION.--Records furnished by Duke Power Co.

02142647 LAKE NORMAN

LOCATION.--Lat 35°26'05", long 80°57'30", Mecklenburg County, Hydrologic Unit 03050101, at Cowans Ford Dam on Catawba River, 0.8 mi upstream from Derr Creek, 7.8 mi southwest of Davidson, and 182 mi upstream from mouth of Wateree River.

DRAINAGE AREA.--1,790 mi², approximately.

PERIOD OF RECORD.--March 1962 to current year.

GAGE.--Float gage with transmitter to dial meter in control room. Datum of gage is 660 ft above sea level (levels by Duke Power Co.).

REMARKS.--Lake, used for hydroelectric power development, began filling in March 1962. Total capacity is 47,586,200,000 ft³. Usable capacity, 26,910,400,000 ft³, is between 75.0 and 100.0 ft gage datum (top of flood gates).

COOPERATION.--Records furnished by Duke Power Co.

02142676 MOUNTAIN ISLAND LAKE

LOCATION.--Lat 35°20'03", long 80°59'12", Gaston County, Hydrologic Unit 03050101, at Mountain Island Dam on Catawba River, 1.5 mi downstream from bridge on State Highway 16, 3 mi northeast of Mount Holly, and 167 mi upstream from mouth of Wateree River.

DRAINAGE AREA.--1,860 mi², approximately.

PERIOD OF RECORD.--December 1923 to September 1960 (monthend contents only, published in WSP 1723), October 1960 to current year.

GAGE.--Float gage, indicator, and stage gage at dam. Datum of gage is 547.5 ft above sea level (levels by Duke Power Co.).

REMARKS.--Lake, used for hydroelectric power development, was first put in operation Dec. 16, 1923. Total capacity is 2,495,988,000 ft³. Usable capacity prior to October 1964 was considered to be 1,132,000,000 ft³ between 90.0 and 100.0 ft gage datum (crest of spillway) and from October 1964 to present, 845,000,000 ft³, is considered to be between 93.0 and 100.0 ft gage datum (crest of spillway).

COOPERATION.--Records furnished by Duke Power Co.

OTHER RESERVOIRS

The following smaller reservoirs in the South Atlantic Slope basin are described below. Records of contents are not published herein.

02077229 LAKE ROXBORO

LOCATION.--Lat 36°20'53", long 79°09'00", Caswell County, Hydrologic Unit 03010104, on South Hyco Creek near Roseville.

DRAINAGE AREA.--23.2 mi².

REMARKS.--Lake is part of Roxboro's municipal water supply. Total capacity is 380,991,000 ft³. Dam was completed and filled April 1978. (See station 02077250.)

02077302 ROXBORO STEAM-ELECTRIC GENERATING PLANT AFTERBAY RESERVOIR

LOCATION.--Lat 36°31'51", long 78°59'50", Person County, Hydrologic Unit 03010104, on Hyco River near McGehees Mill.

DRAINAGE AREA.--196 mi².

REMARKS.--Lake is used as a cooling-water reservoir for Carolina Power and Light Co. powerplant. Total capacity is approximately 522,720,000 ft³ with a surface area of about 650 acres at a normal elevation of 385 ft above sea level. Dam completed May 30, 1974, and filling began Apr. 26, 1974. Water in reservoir first reached normal water-level elevation, 385 ft, on Aug. 22, 1974.

02077665 MAYO STEAM-ELECTRIC GENERATING PLANT LAKE.

LOCATION.--Lat 36°32'15", long 78°52'30", Person County, Hydrologic Unit 03010104, on Mayo Creek near Bethel Hill.

DRAINAGE AREA.-- 52.2 mi².

REMARKS.--Lake is used as cooling-water reservoir for Carolina Power and Light Co. powerplant. Total capacity is 3,831,000,000 ft³ with a surface area of 2,800 acres at a normal elevation of 434 ft above sea level. Dam was completed and filling began Aug. 1, 1980. Water in reservoir first reached normal water-level elevation of 434 ft on April 16, 1983. (See station 02077660.)

02086490 LAKE MICHIE

LOCATION.--Lat 36°09'02", long 79°49'49", Durham County, Hydrologic Unit 03020201, at Durham municipal dam on Flat River, 3 mi southeast of Bahama, and 5 mi upstream from confluence with Eno River.

DRAINAGE AREA.--167 mi², approximately.

PERIOD OF RECORD.--October 1962 to April 1975.

REMARKS.--Lake, used for municipal water supply, began filling in May 1926 and reached spillway elevation Dec. 26, 1926. Total capacity, 618,000,000 ft³, is between 300.0 and 341.0 ft gage datum (crest of spillway). (See station 02087000.)

02087339 LAKE JOHNSON

LOCATION.--Lat 35°45'44", long 78°42'17", Wake County, Hydrologic Unit 03020201, on Walnut Creek near Raleigh.

DRAINAGE AREA.--7.10 mi².

REMARKS.--Lake is part of Raleigh's municipal water supply. Total capacity is 98,900,000 ft³. Dam was completed in 1923 and spillway raised to its present elevation in 1951. (See station 02087500.)

02087344 LAKE RALEIGH

LOCATION.--Lat 35°45'56", long 78°40'38", Wake County, Hydrologic Unit 03020201, on Walnut Creek near Raleigh.

DRAINAGE AREA.--12.3 mi².

REMARKS.--Lake is part of Raleigh's municipal water supply. Total capacity is 13,400,000 ft³. Dam was completed in 1914 and raised to its present elevation in 1919. (See station 02087500.)

02087588 LAKE WHEELER

LOCATION.--Lat 35°41'39", long 78°41'39", Wake County, Hydrologic Unit 03020201, on Swift Creek near Raleigh.

DRAINAGE AREA.-- 35.8 mi².

REMARKS.--Lake is part of Raleigh's municipal water supply. Total capacity is 267,400,000 ft³. Dam was completed and filling began in 1956. (See station 02087500.)

02087701 LAKE BENSON

LOCATION.--Lat 35°39'44", long 78°36'42", Wake County, Hydrologic Unit 03020201, on Swift Creek near Garner.

DRAINAGE AREA.--66.3 mi², approximately.

REMARKS.--Lake is part of Raleigh's municipal water supply. Total capacity is 133,700,000 ft³. Lake, formerly known as Rand's Mill, acquired by city of Raleigh in 1927 and spillway raised to its present elevation in 1954. (See station 02087500.)

02090370 BUCKHORN RESERVOIR

LOCATION.--Lat 35°41'22", long 78°07'33", Wilson County, Hydrologic Unit 03020203, on Contentnea Creek near Lucama.

DRAINAGE AREA.--155 mi².

REMARKS.--Lake is part of Wilson's municipal water supply. Total capacity is approximately 909,000,000 ft³. Original dam was completed Nov. 12, 1976, and reservoir initially filled Dec. 1, 1976 (previous capacity 133,680,000 ft³). (See station 02090380.) Construction on new dam downstream of original structure was completed in July 1999, and reservoir was filled by mid-September in response to heavy tropical rains (Hurricane Floyd).

02093981 LAKE HIGGINS

LOCATION.--Lat 36°10'11", long 79°52'49", Guilford County, Hydrologic Unit 03030002, on Brush Creek near Greensboro.

DRAINAGE AREA.--12 mi², approximately.

REMARKS.--Lake is part of Greensboro's municipal water supply. Total capacity is 107,000,000 ft³. Reservoir was first filled Mar. 1, 1957. (See station 02094500.)

02094117 LAKE BRANDT

LOCATION.--Lat 36°10'21", long 79°50'20", Guilford County, Hydrologic Unit 03030002, on Reedy Fork and Horsepen Creek near Greensboro.

DRAINAGE AREA.--68.4 mi².

REMARKS.--Total capacity is 294,000,000 ft³. Dam was completed February 1923 and raised to present level 1959-60.

Reservoir first filled to present level on Oct. 8, 1960. Lake is part of Greensboro's municipal water supply. (See station 02094500.)

02094305 LAKE TOWNSEND

LOCATION.--Lat 36°11'20", long 79°43'55", Guilford County, Hydrologic Unit 03030002, on Reedy Fork near Greensboro.

DRAINAGE AREA.--105 mi².

REMARKS.--Lake is part of Greensboro's municipal water supply. Total capacity is 869,000,000 ft³. Dam was completed Oct. 18, 1968, and reservoir was first filled on Aug. 17, 1969. (See station 02094500.)

02096003 LAKE BURLINGTON

LOCATION.--Lat 36°10'38", long 79°24'43", Alamance County, Hydrologic Unit 03030002, on Stony Creek near Burlington.

DRAINAGE AREA.--46.6 mi², approximately.

REMARKS.--Lake is part of Burlington's municipal water supply. Prior to October 1971 published as "Stony Creek Reservoir." Total capacity is 427,800,000 ft³. Dam completed August 1960 and reservoir first filled Jan. 28, 1961. (See station 02096500.)

02096432 STONY CREEK RESERVOIR

LOCATION.--Lat 36°07'40", long 79°24'23", Alamance County, Hydrologic Unit 03030002, on Stony Creek near Burlington.

DRAINAGE AREA.--104mi².

REMARKS.--Lake is part of Burlington's water supply. Prior to October 1971 published as "Lake Burlington." Total capacity is 64,900,000 ft³. Dam completed and reservoir filled in 1928. (See station 02096500.)

02098495 OAK HOLLOW RESERVOIR

LOCATION.--Lat 36°00'42", long 79°59'11", Guilford County, Hydrologic Unit 03030003, on West Fork Deep River and 1.8 mi southwest of Deep River.

DRAINAGE AREA.--32 mi², approximately.

REMARKS.--Lake is part of High Point's municipal water supply. Total capacity is 468,000,000 ft³. Dead storage (nonwithdrawal) is minor. Total surface area, about 725 acres. Dam completed and filling began in May 1970. Reservoir first filled Dec. 24, 1970. (See station 02099500.)

02099096 HIGH POINT MUNICIPAL LAKE

LOCATION.--Lat 35°59'43", long 79°56'42", Guilford County, Hydrologic Unit 03030003, on Deep River near High Point, High Point's municipal water supply.

DRAINAGE AREA.--61.4 mi².

REMARKS.--Total capacity is 220,588,000 ft³. Dam completed in 1926 and reservoir first filled in 1927. (See station 02099500)

02102178 BUCKHORN RESERVOIR

LOCATION.--Lat 35°32'22", long 78°59'27", Chatham County, Hydrologic Unit 03030004, on Cape Fear River near Corinth.

DRAINAGE AREA.--3,230 mi², approximately.

REMARKS.-- Usable capacity is 69,700,000 ft³. Completed and filled in 1908. Hydroelectric power operation stopped Dec. 31, 1962.

02102190 SHEARON HARRIS MAIN RESERVOIR

LOCATION.--Lat 35°34'00", long 78°57'55", Chatham County, Hydrologic Unit 03030004, on Buckhorn Creek near Corinth.

DRAINAGE AREA.--71 mi².

REMARKS.--Lake is a cooling-water reservoir for Carolina Power and Light Co. powerplant. Total capacity is 3,136,320,000 ft³ with a surface area of 4,150 acres at a normal elevation of 220 ft above sea level. Dam was completed Dec. 23, 1981, and filling began Dec. 1, 1980. (See station 02102192.)

02121461 LEXINGTON-THOMASVILLE RESERVOIR

LOCATION.--Lat 35°51'54", long 80°11'41", Davidson County, Hydrologic Unit 03050103, on Abbotts Creek near Lexington.

DRAINAGE AREA.--70.3 mi².

REMARKS.--Total capacity is 284,100,000 ft³ of which 281,400,000 ft³ is usable. Dam completed Aug. 8, 1957, and reservoir first filled Nov. 23, 1957. Lexington and Thomasville's municipal water supply.

02184122 LAKE TOXAWAY

LOCATION.--Lat 35°07'27", long 82°55'56", Transylvania County, Hydrologic Unit 03060101, on Toxaway River at town of Lake Toxaway.

DRAINAGE AREA.--7.79 mi².

REMARKS.--A recreation lake. Total surface area is about 640 acres. Lake reached spillway elevation September 1961.

LAKE AND RESERVOIRS IN SOUTH ATLANTIC SLOPE BASIN--Continued

MONTHEND ELEVATION AND CONTENTS AT 2400 HOURS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Elevation (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)	Gage Height (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)
02067800 & 02067820 Talbot & Townes Reservoir				02077280 Hycy Lake		
Sept. 30	--	317.90	--	10.53	3,375	--
Oct. 31	--	319.50	2	10.53	3,375	0
Nov. 30	--	327.90	8	10.54	3,376	1
Dec. 31	--	327.90	0	10.54	3,376	0
CAL YR 2003		--	-21		--	-18
Jan. 31	--	219.50	-108	10.52	3,373	-3
Feb. 28	--	177.50	-42	10.57	3,381	8
Mar. 31	--	177.00	-1	10.48	3,367	-14
Apr. 30	--	184.60	8	10.48	3,367	0
May 31	--	164.10	-21	10.45	3,363	-4
June 30	--	166.80	3	10.29	3,338	-25
July 31	--	161.10	-6	10.16	3,318	-20
Aug. 31	--	172.20	11	11.01	3,450	132
Sept. 30	--	389.00	217	10.52	3,373	-77
WTR YR 2004		--	71		--	-2
Date	Elevation (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)	Elevation (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)
02079964 Lake Gaston			02080100 Roanoke Rapids Lake			
Sept. 30	199.33	18,992	--	129.30	2,826	--
Oct. 31	199.72	19,358	366	131.30	3,216	390
Nov. 30	199.68	19,324	-34	129.00	2,790	-426
Dec. 31	199.56	19,219	-105	131.00	3,162	372
CAL YR 2003		--	-166		--	172
Jan. 31	199.67	19,315	96	130.90	3,142	-20
Feb. 28	199.44	19,114	-201	129.30	2,844	-298
Mar. 31	199.38	19,062	-52	128.00	2,629	-215
Apr. 30	199.88	19,497	435	130.30	3,026	397
May 31	200.03	19,628	131	130.50	3,062	36
June 30	199.36	19,044	-584	128.70	2,744	-318
July 31	199.70	19,341	297	129.30	2,844	100
Aug. 31	200.05	19,646	350	131.90	3,338	494
Sept. 30	199.91	19,523	-123	131.80	3,317	-21
WTR YR 2004		--	531		--	491

SOUTH ATLANTIC SLOPE BASIN

LAKE AND RESERVOIRS IN SOUTH ATLANTIC SLOPE BASIN--Continued

MONTHEND ELEVATION AND CONTENTS AT 2400 HOURS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Elevation (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)	Gage Height (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)
02087182 Falls Lake						
Sept. 30	251.78	5,637	--			
Oct. 31	216.44	9,647	44			
Nov. 30	216.22	9,509	-138			
Dec. 31	216.30	9,559	50			
CAL YR 2003		--	-497			
Oct. 31	251.24	5,345	-292			
Nov. 30	251.42	5,443	97			
Dec. 31	251.72	5,605	162			
CAL YR 2003		--	-141			
Jan. 31	251.62	5,551	-54			
Feb. 28	251.76	5,626	76			
Mar. 31	251.97	5,740	114			
Apr. 30	251.61	5,545	-195			
May 31	251.77	5,632	87			
June 30	251.07	5,254	-378			
July 31	250.97	5,200	-53			
Aug. 31	253.18	6,436	1,235			
Sept. 30	251.62	5,551	-885			
WTR YR 2004		--	-86			
Date	Elevation (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)	Elevation (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)
02098197 B. Everett Jordan Lake				02111391 W. Kerr Scott Reservoir		
Sept. 30	216.37	9,603	--	1,029.92	1,783	--
Oct. 31	216.44	9,647	44	1,030.13	1,797	14
Nov. 30	216.22	9,509	-138	1,030.16	1,800	3
Dec. 31	216.30	9,559	50	1,030.31	1,812	13
CAL YR 2003		--	-497		--	9
Jan. 31	216.35	9,591	31	1,030.18	1,801	-11
Feb. 28	216.54	9,710	119	1,030.16	1,800	-2
Mar. 31	216.16	9,472	-238	1,030.33	1,814	15
Apr. 30	216.63	9,767	295	1,030.06	1,791	-23
May 31	216.38	9,610	-157	1,030.00	1,786	-5
June 30	216.71	9,817	207	1,030.04	1,789	3
July 31	216.95	9,967	151	1,030.15	1,799	9
Aug. 31	217.90	10,578	610	1,030.16	1,800	1
Sept. 30	218.01	10,649	71	1,030.83	1,857	57
WTR YR 2004		--	1,046		--	74

LAKES AND RESERVOIRS IN SOUTH ATLANTIC SLOPE BASIN--Continued

MONTHEND ELEVATION AND CONTENTS AT 2400 HOURS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Gage Height (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)	Gage Height (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)
02122400 High Rock Lake						
Sept. 30.....	652.40	9,456	--	594.45	1,695	--
Oct. 31.....	649.56	7,859	-1,597	594.84	1,732	37
Nov. 30.....	651.07	8,683	824	595.42	1,792	60
Dec. 31.....	648.18	7,151	-1,532	595.02	1,751	-41
CAL YR 2003		--	-2,426		--	53
02122699 Tuckertown Reservoir						
Jan. 31.....	638.04	3,222	-3,929	594.86	1,734	-17
Feb. 28.....	648.50	7,312	4,090	595.72	1,823	89
Mar. 31.....	649.55	7,854	542	595.32	1,782	-41
Apr. 30.....	652.40	9,456	1,602	594.70	1,718	-64
May 31.....	652.56	9,553	97	595.51	1,802	84
June 30.....	654.18	10,541	988	595.01	1,750	-52
July 31.....	653.48	10,110	-431	594.88	1,736	-14
Aug. 31.....	650.84	8,554	-1,556	595.22	1,531	-205
Sept. 30.....	654.69	10,872	2,318	595.50	1,801	270
WTR YR 2004		--	1,416		--	106
Date	Gage Height (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)	Gage Height (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)
02122844 Badin Lake						
Sept. 30.....	540.42	10,339	--	277.20	5,714	--
Oct. 31.....	540.38	10,329	-10	277.20	5,714	0
Nov. 30.....	535.06	9,129	-1,200	277.70	5,822	108
Dec. 31.....	540.17	10,280	1,151	277.50	5,779	-43
CAL YR 2003		--	58		--	216
02123736 Lake Tillery						
Jan. 31.....	537.92	9,759	-521	277.50	5,779	0
Feb. 28.....	540.71	10,406	647	278.00	5,888	109
Mar. 31.....	540.14	10,273	-133	277.20	5,714	-174
Apr. 30.....	540.84	10,437	164	277.20	5,714	0
May 31.....	540.02	10,246	-191	277.80	5,844	130
June 30.....	540.70	10,404	158	278.00	5,888	44
July 31.....	540.18	10,282	-122	277.70	5,822	-66
Aug. 31.....	539.94	10,227	-55	277.60	6,020	198
Sept. 30.....	540.55	10,369	142	277.10	5,693	-327
WTR YR 2004		--	30		--	-21

LAKES AND RESERVOIRS IN SOUTH ATLANTIC SLOPE BASIN--Continued

MONTHEND ELEVATION AND CONTENTS AT 2400 HOURS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Gage Height (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)	Gage Height (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)	
		02128800 Blewett Falls Lake			02138519 Lake James		
Sept. 30	172.20	1,252	--	97.2	11,808	--	
Oct. 31	173.30	1,362	110	96.2	11,540	-268	
Nov. 30	176.70	1,702	340	99.5	12,441	901	
Dec. 31	176.70	1,702	0	94.7	11,147	-1,294	
CAL YR 2003		--	-110		--	-688	
Jan. 31	177.40	1,772	70	93.0	10,713	-434	
Feb. 28	174.30	1,462	-310	96.4	11,593	880	
Mar. 31	174.30	1,462	0	96.6	11,647	54	
Apr. 30	175.80	1,612	150	98.1	12,053	406	
May 31	176.50	1,682	70	98.3	12,108	55	
June 30	173.90	1,422	-260	98.4	12,135	27	
July 31	174.50	1,482	60	97.5	11,889	-246	
Aug. 31	174.10	1,442	-40	96.7	11,673	-215	
Sept. 30	180.80	2,112	670	99.7	12,497	824	
WTR YR 2004		--	860		--	689	
		02141490 Rhodhiss Lake			02141961 Lake Hickory		
Sept. 30	96.9	1,270	--	97.2	1,791	--	
Oct. 31	97.2	1,311	41	97.2	1,791	0	
Nov. 30	96.7	1,243	-68	97.2	1,791	0	
Dec. 31	95.8	1,124	-119	97.2	1,791	0	
CAL YR 2003		--	-26		--	0	
Jan. 31	95.5	1,085	-39	95.2	1,462	-330	
Feb. 28	95.9	1,137	52	96.8	1,724	263	
Mar. 31	96.5	1,216	79	97.4	1,825	101	
Apr. 30	96.7	1,243	27	96.6	1,691	-134	
May 31	97.3	1,325	82	97.9	1,910	219	
June 30	97.3	1,325	0	97.1	1,775	-136	
July 31	97.7	1,381	56	97.9	1,910	136	
Aug. 31	97.4	1,339	-42	97.0	1,758	-153	
Sept. 30	96.9	1,270	-69	97.9	1,910	153	
WTR YR 2004		--	0		--	119	

LAKES AND RESERVOIRS IN SOUTH ATLANTIC SLOPE BASIN--Continued

MONTHEND ELEVATION AND CONTENTS AT 2400 HOURS, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004

Date	Gage Height (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)	Gage Height (feet)	Contents (million cubic feet)	Change in contents (million cubic feet)
		02142441 Lookout Shoals Lake		02142647 Lake Norman		
Sept. 30	97.3	92	--	97.4	44,010	--
Oct. 31	98.0	121	29	96.9	43,340	-670
Nov. 30	97.8	113	-8	96.8	43,210	-130
Dec. 31	97.9	117	4	96.3	42,550	-660
CAL YR 2003		--	117		--	-2,540
Jan. 31	88.7	0	-117	93.9	39,510	-3,040
Feb. 28	87.3	0	0	96.3	42,550	3,040
Mar. 31	97.7	109	109	96.4	42,680	130
Apr. 30	97.9	117	8	98.0	44,820	2,140
May 31	98.0	121	4	98.1	44,960	140
June 30	97.9	117	-4	99.0	46,190	1,230
July 31	98.2	130	13	98.1	44,960	-1,230
Aug 31	97.1	84	-46	96.8	43,210	-1,750
Sept. 30	99.0	164	80	99.0	46,190	2,980
WTR YR 2004		--	72		--	2,180
		02142676 Mountain Island Lake				
Sept. 30	97.2	475	--			
Oct. 31	97.5	512	37			
Nov. 30	97.7	538	26			
Dec. 31	97.5	512	-26			
CAL YR 2003		--	-38			
Jan. 31	95.0	215	-297			
Feb. 28	96.4	378	163			
Mar. 31	97.2	475	97			
Apr. 30	96.5	390	-85			
May 31	97.4	500	110			
June 30	97.5	512	12			
July 31	97.6	525	13			
Aug 31	96.7	414	-111			
Sept. 30	98.6	692	278			
WTR YR 2004		--	217			